

Conclusion

Applicant submits that the Specification and claims are now in proper form, and that the claims have been amended to define patentability over the prior art. Therefore, applicant requests that the Examiner reconsider the outstanding rejections in view of the amendments to the claims and the preceding comments.

REMARKS

The new claims contain three (3) independent claims and fifteen (15) dependent claims. A fee for eighteen (18) new claims is enclosed.

The Examiner is advised that a Petition for a three (3) month extension of time is enclosed, together with a fee based on small entity.

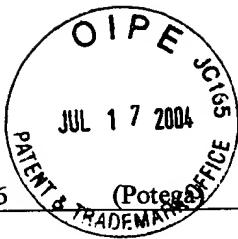
In reference to claims 19-78, the 9 June 2000 Notice of Allowability, Detailed Action II of the parent application (#09/105,489) indicates, in Items 1.B and E, that claims 19-53 (as herein submitted) relate to an apparatus for enabling multiple modes of operation among a DC power source, a DC powered device, and a DC power module, which are classified in class 338, subclass 22R, or class 429, subclass 43 or 90, or class 327, subclass 512 (copy of relevant sheet attached).

The Detailed Action II further indicates, in Items 1.C and F, that claims 54-78 (as herein submitted) are for providing a temperature-sensing information to a DC powered device, which are classified in class 374, subclass 152.

Applicant brings to the Examiner's attention that the above-cited elected inventions and their classifications differ from those detailed in the subject Office Action.

Please acknowledge receipt hereof by stamping and returning the enclosed return postcard.

Applicant is available by phone at (818) 340-7268, or fax at (818) 883-5706.



Enclosed:

Drawings -- proposed amendments (32 sheets)
Request for Approval of Proposed Drawing Amendment
Notice of Allowability, Detailed Action II (1 sheet)
Transmittal Form
Fee Transmittal
Petition for Extension of Time
Check
Return Postcard

Respectfully submitted,

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JUL 23 2004

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Art Unit: 2859

DETAILED ACTION II**Restriction/Election by Original Presentation**

1. Newly submitted claims 19-78 are directed to an invention that is independent or distinct from the invention originally claimed for the following reasons:

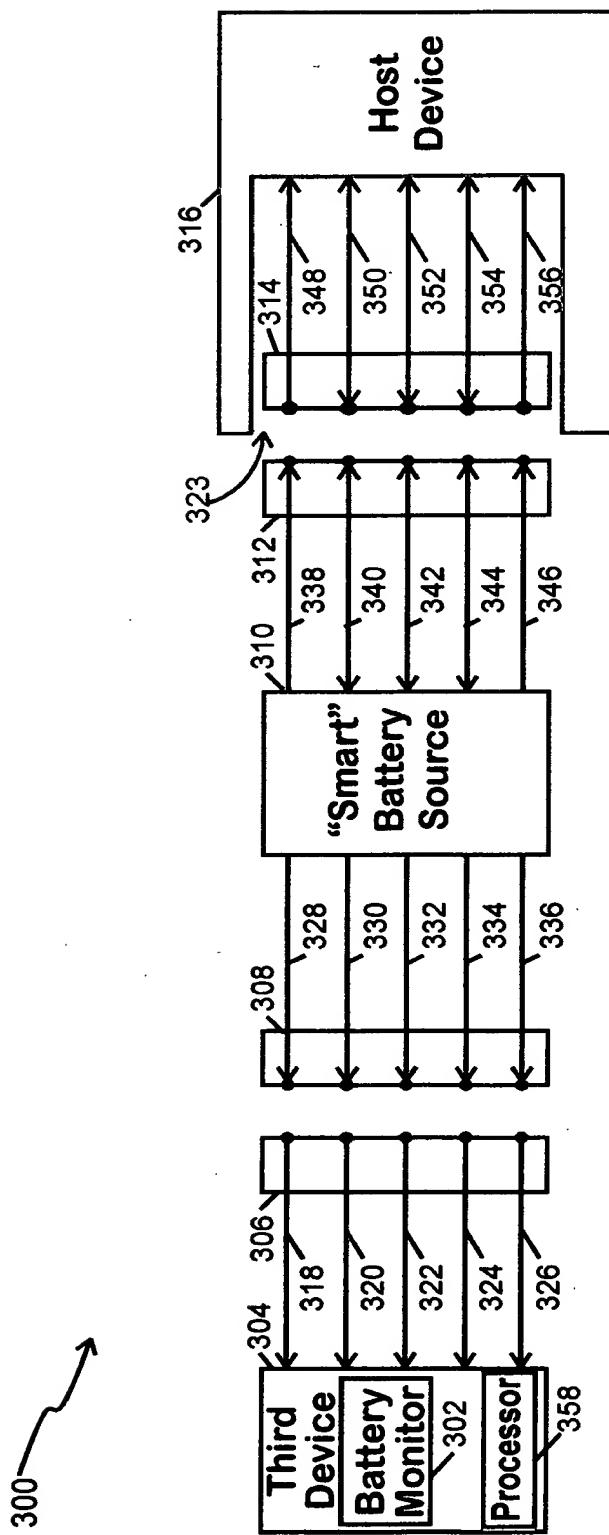
- A) the originally claimed invention, i.e., claims 1-18 and newly submitted claims 79-90, is directed to an apparatus for monitoring temperature functions of a power source,
- B) the invention stated in claims 19-53 is directed to an apparatus for enabling multiple modes of operation among a DC power source, a DC powered device, and a DC power module.
- C) the invention stated in claims 54-78 is directed to an apparatus for providing a temperature sensing information to a DC powered device.
- D) the invention originally claimed in claims 1-18 and in new claims 79-90 is classified in class 374, subclass 185.
- E) the invention stated in new claims 19-53 is classified in class 338, subclass 22R or class 429, subclass 43 or 90, or class 327, subclass 512.
- F) the invention stated in new claims 54-78 is classified in class 374, subclass 152.

2. Since applicant has received an action on the merits for the originally presented invention, this invention has been constructively elected by original presentation for further prosecution on the merits. Accordingly, claims 1-18 are canceled by applicant and claims 19-78



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FIG. 12





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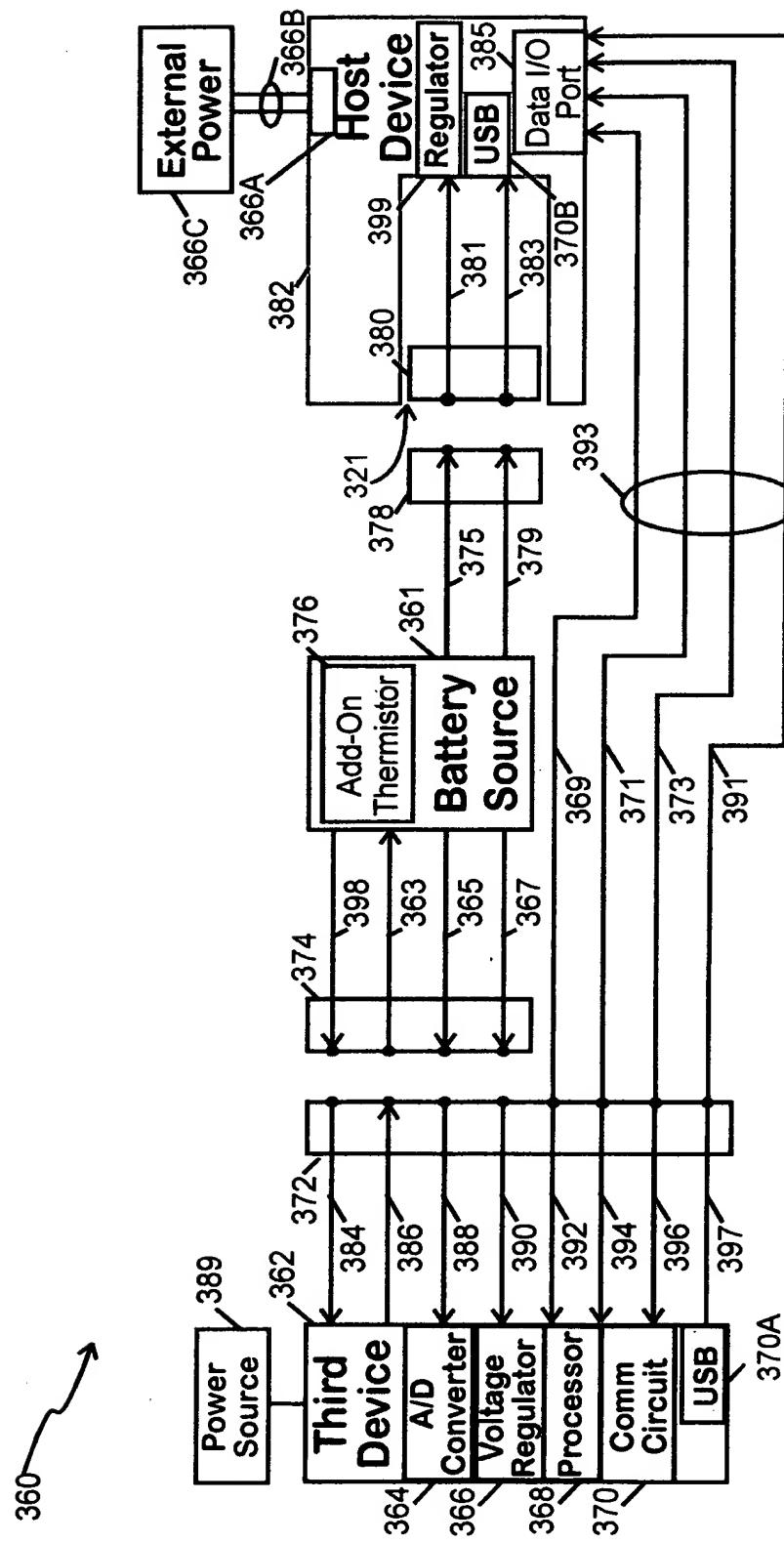
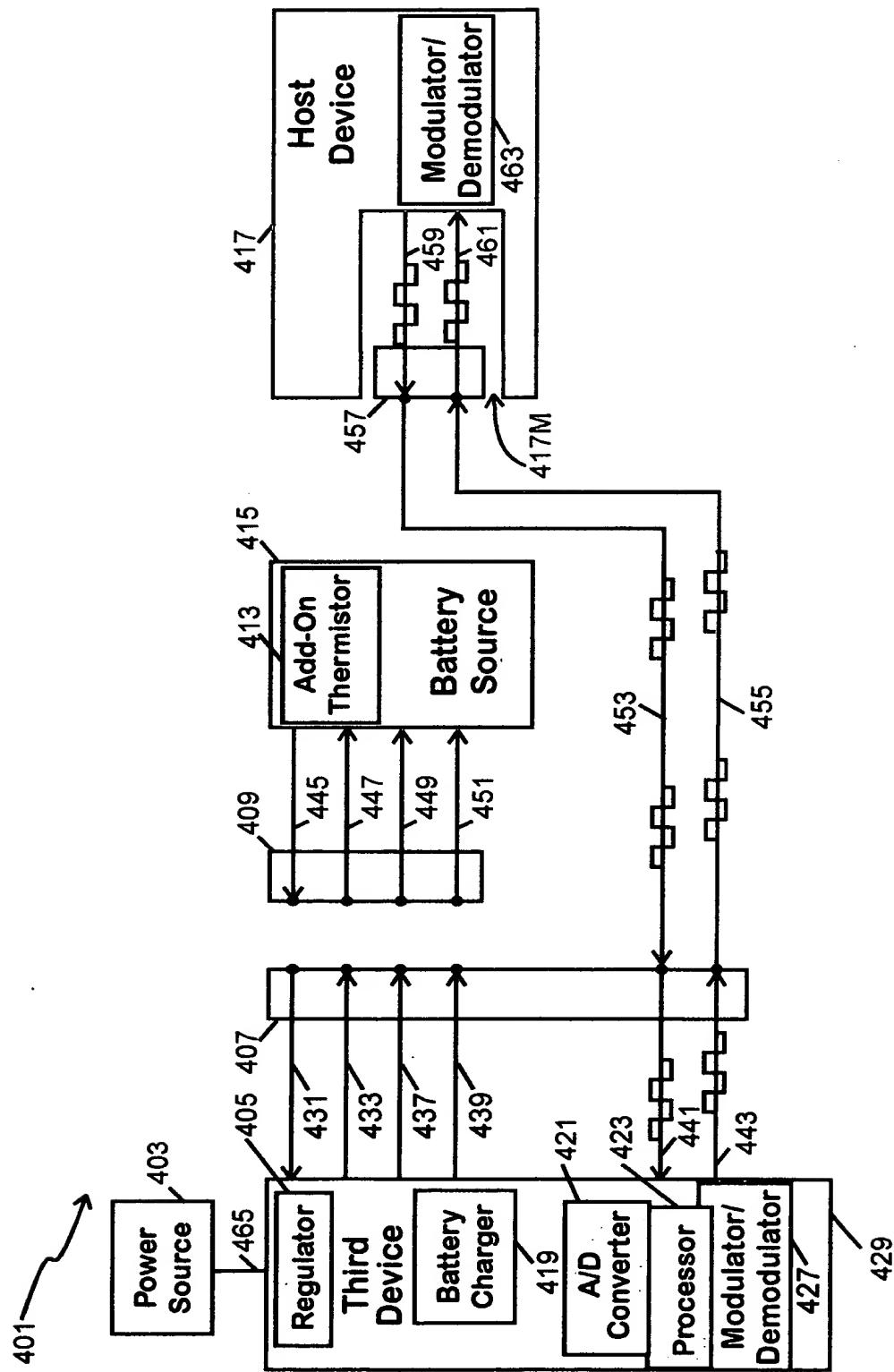


FIG. 13



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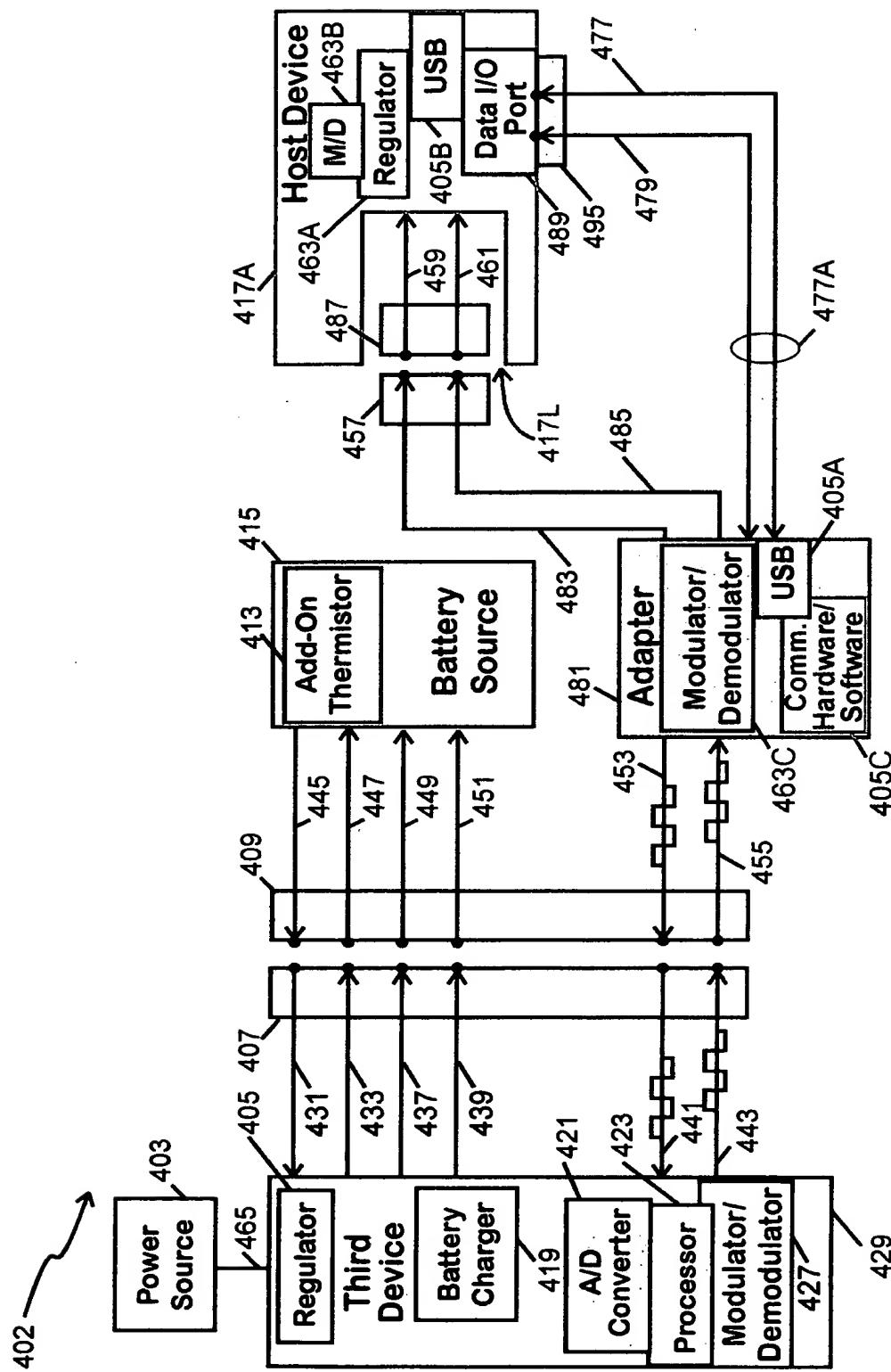
FIG. 14A





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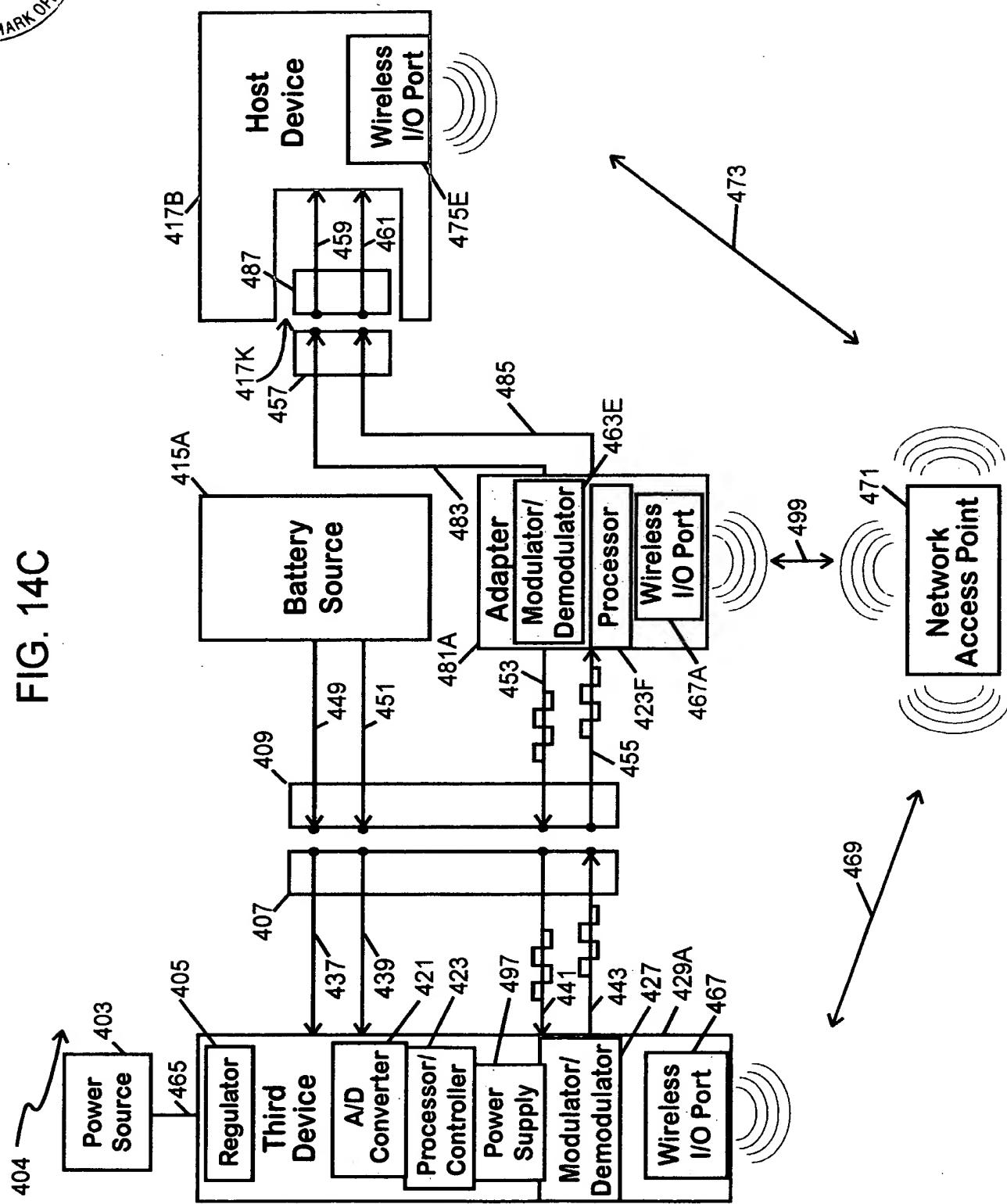
FIG. 14B





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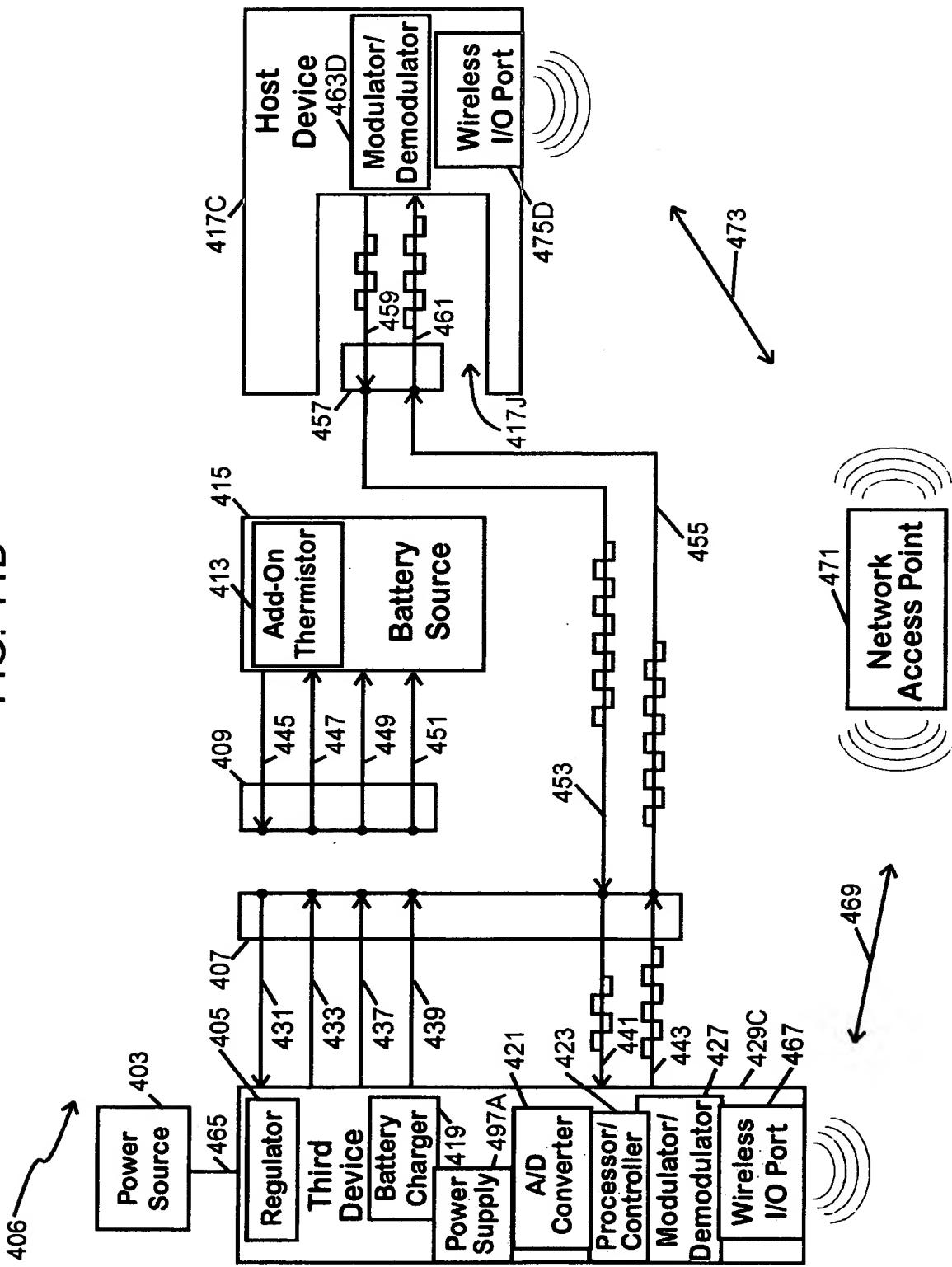
FIG. 14C





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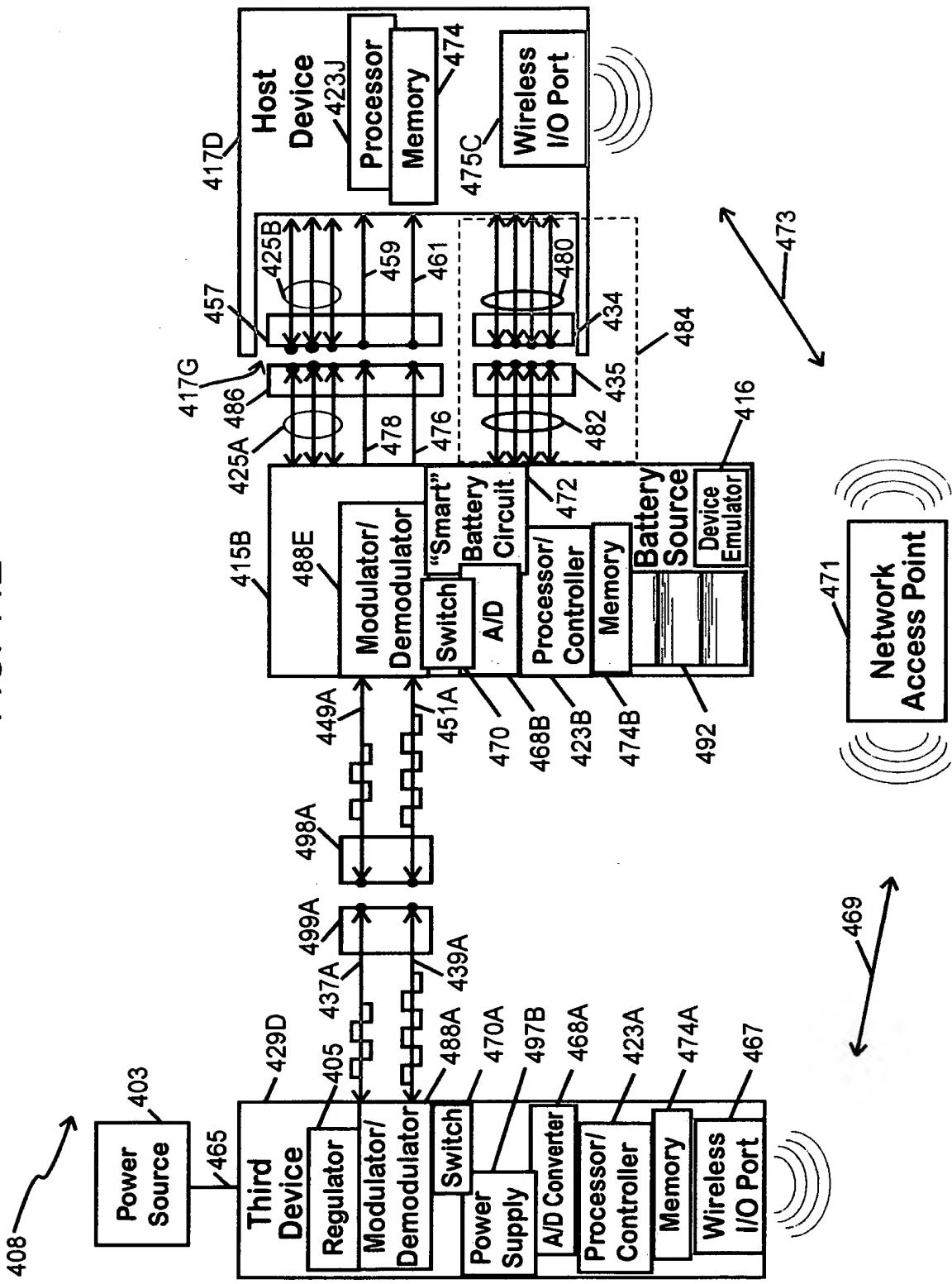
FIG. 14D





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FIG. 14E





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FIG. 14I

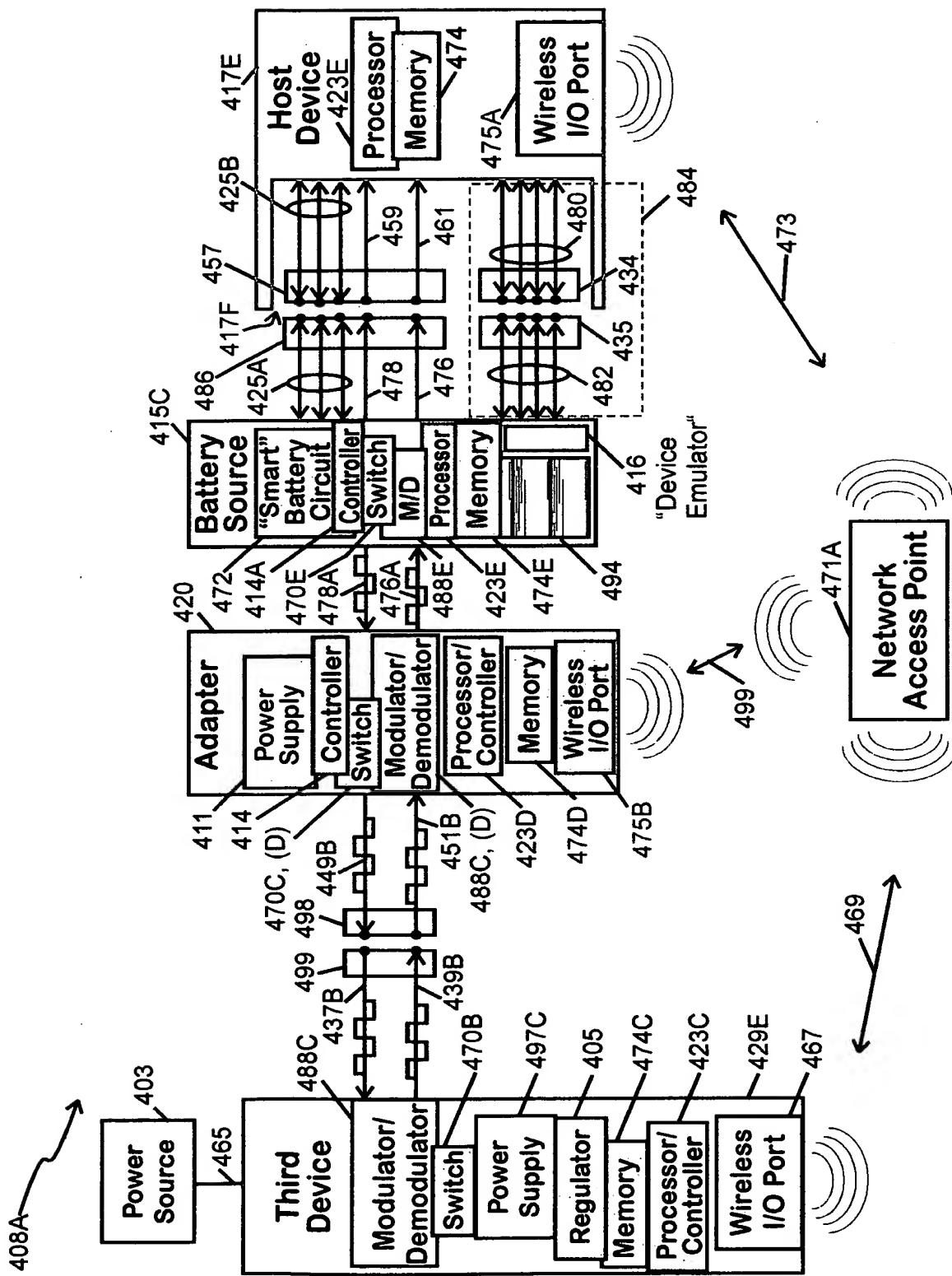
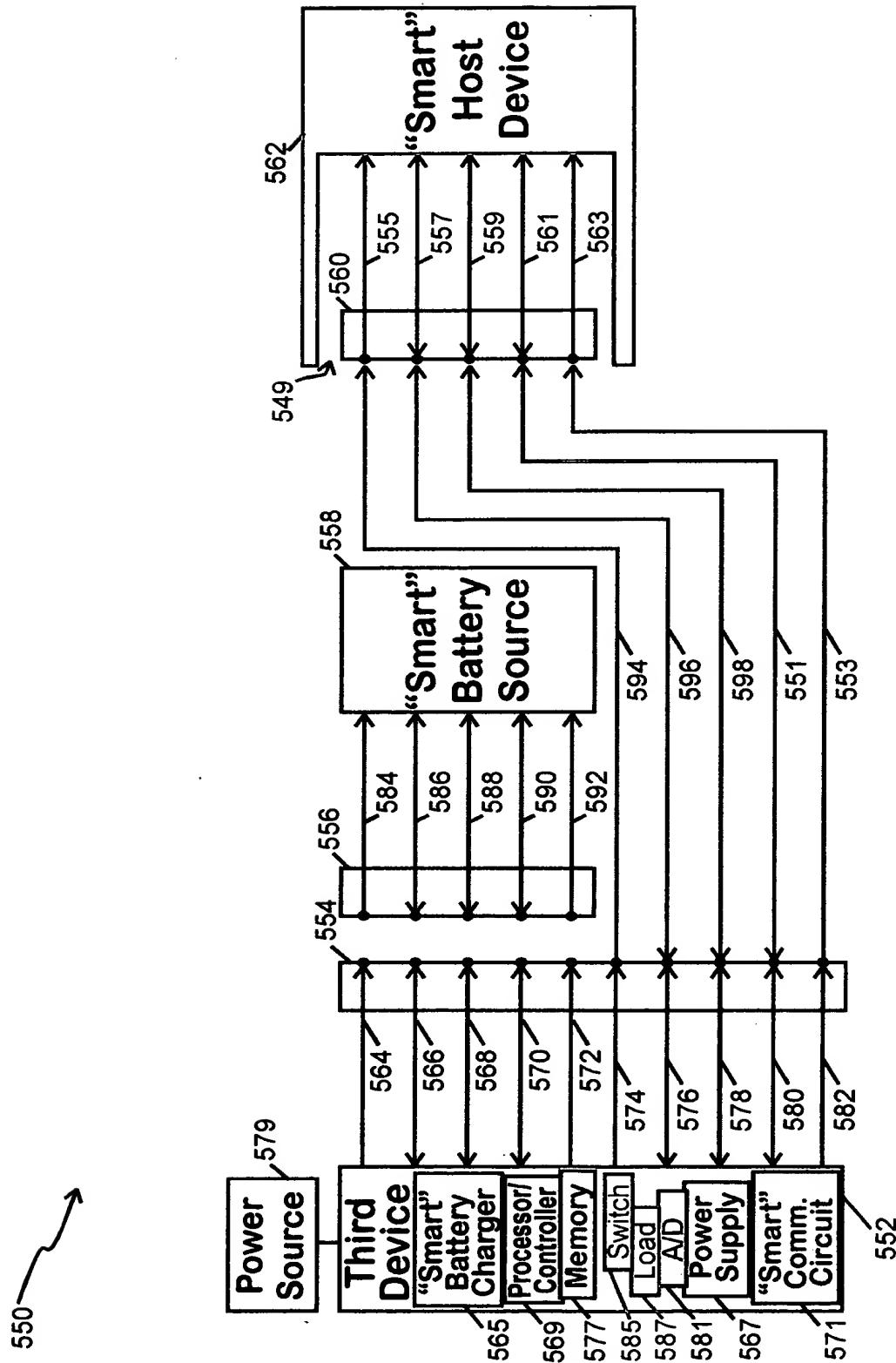


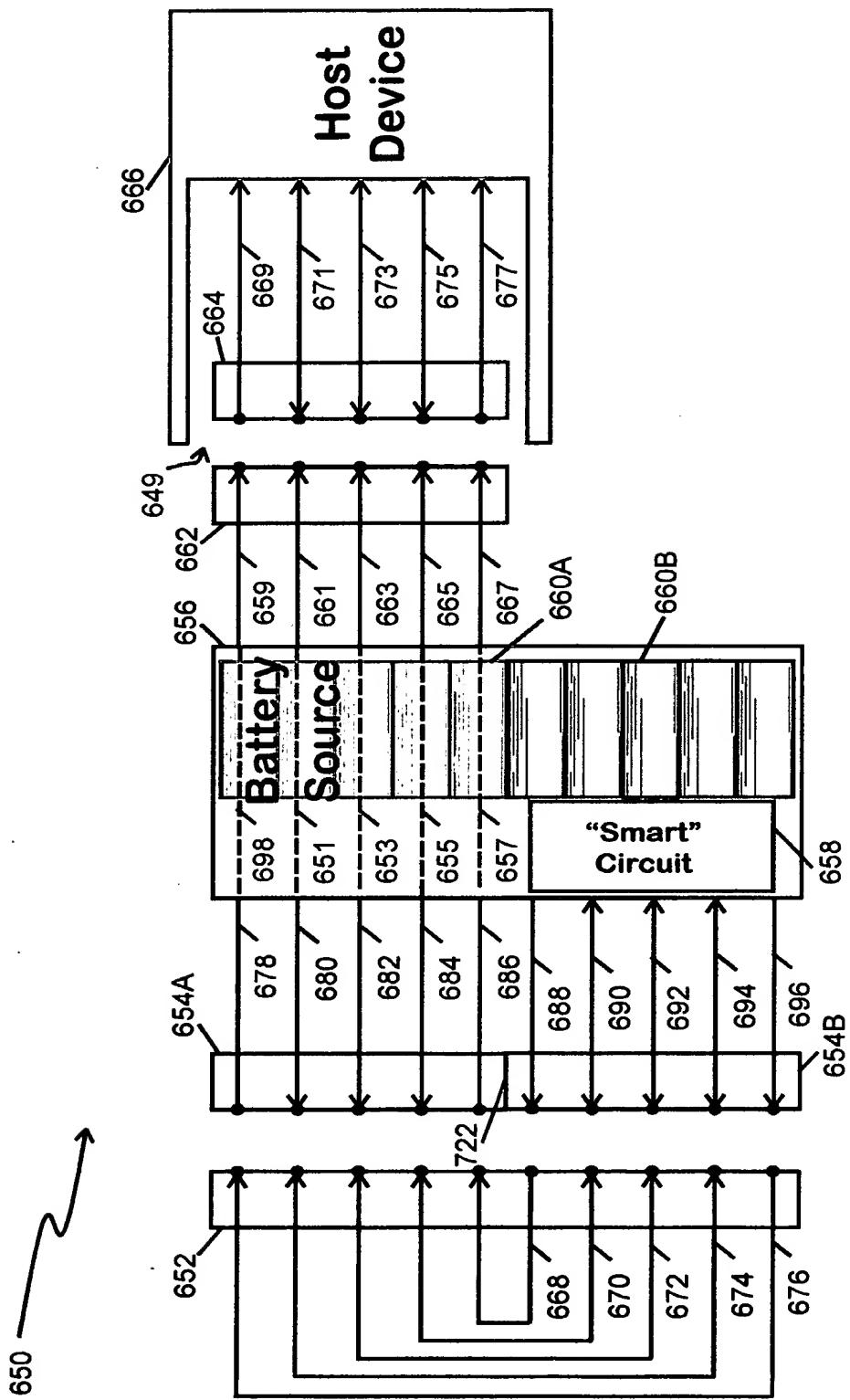
FIG. 15





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FIG. 16

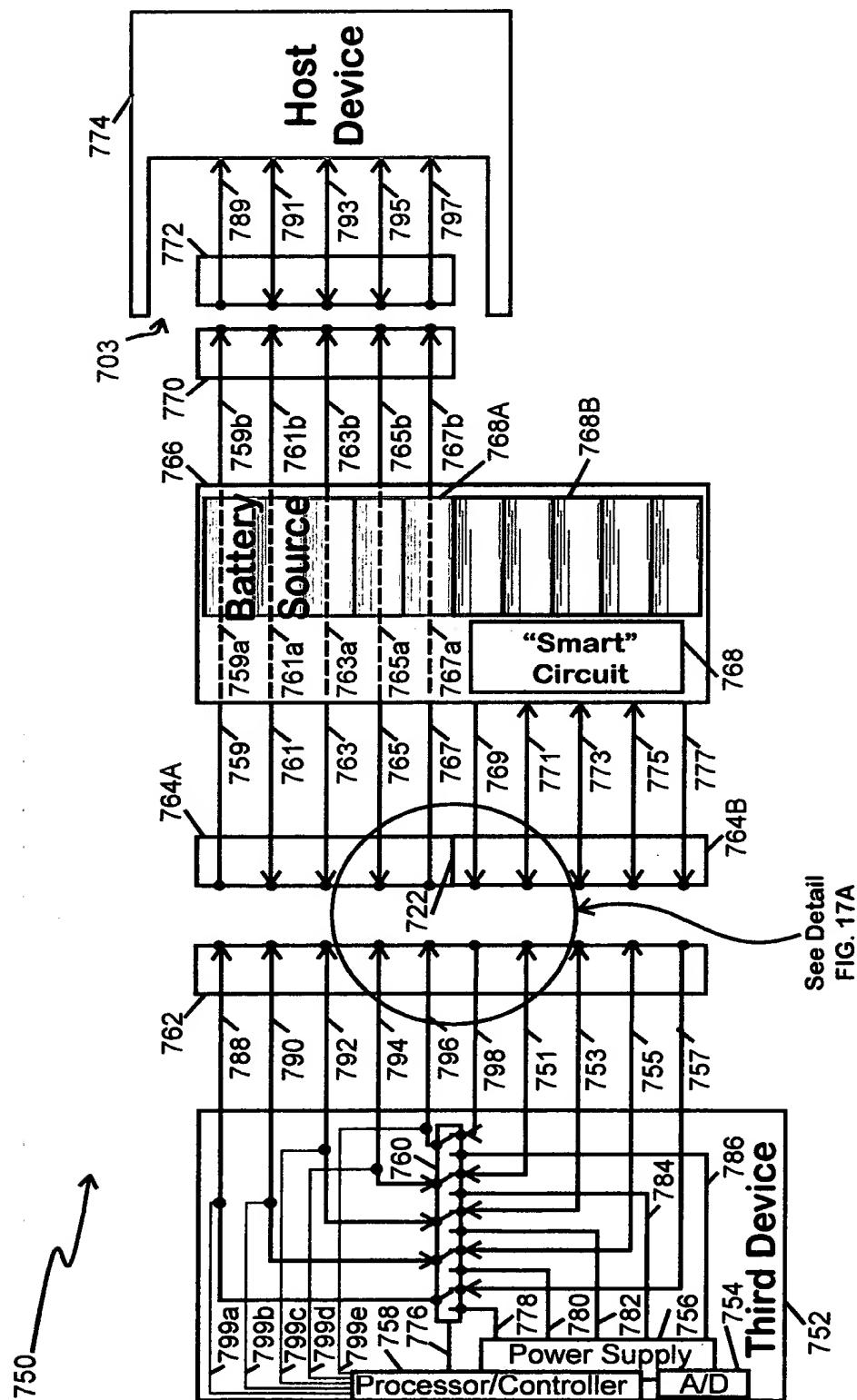




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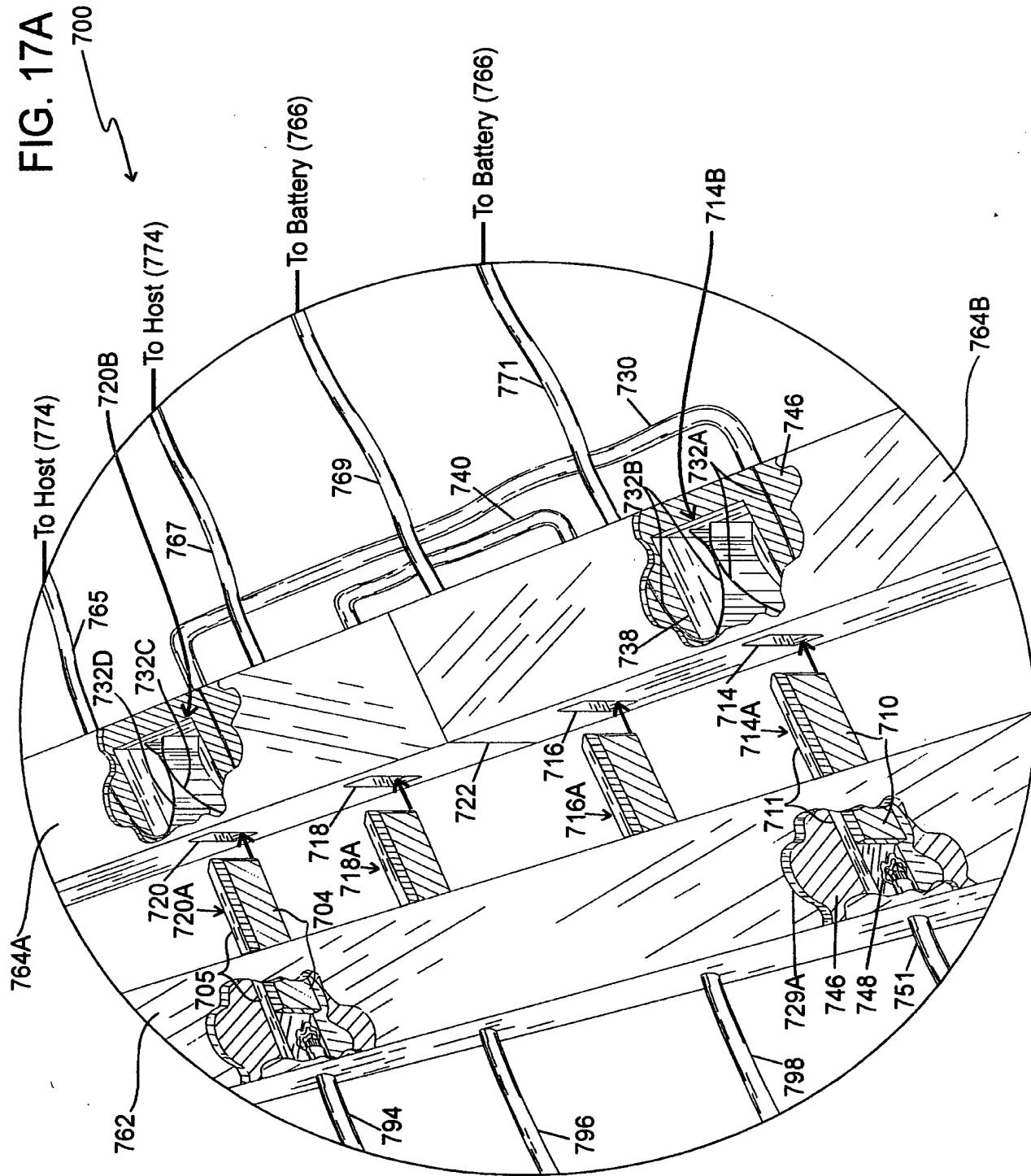
FIG. 17





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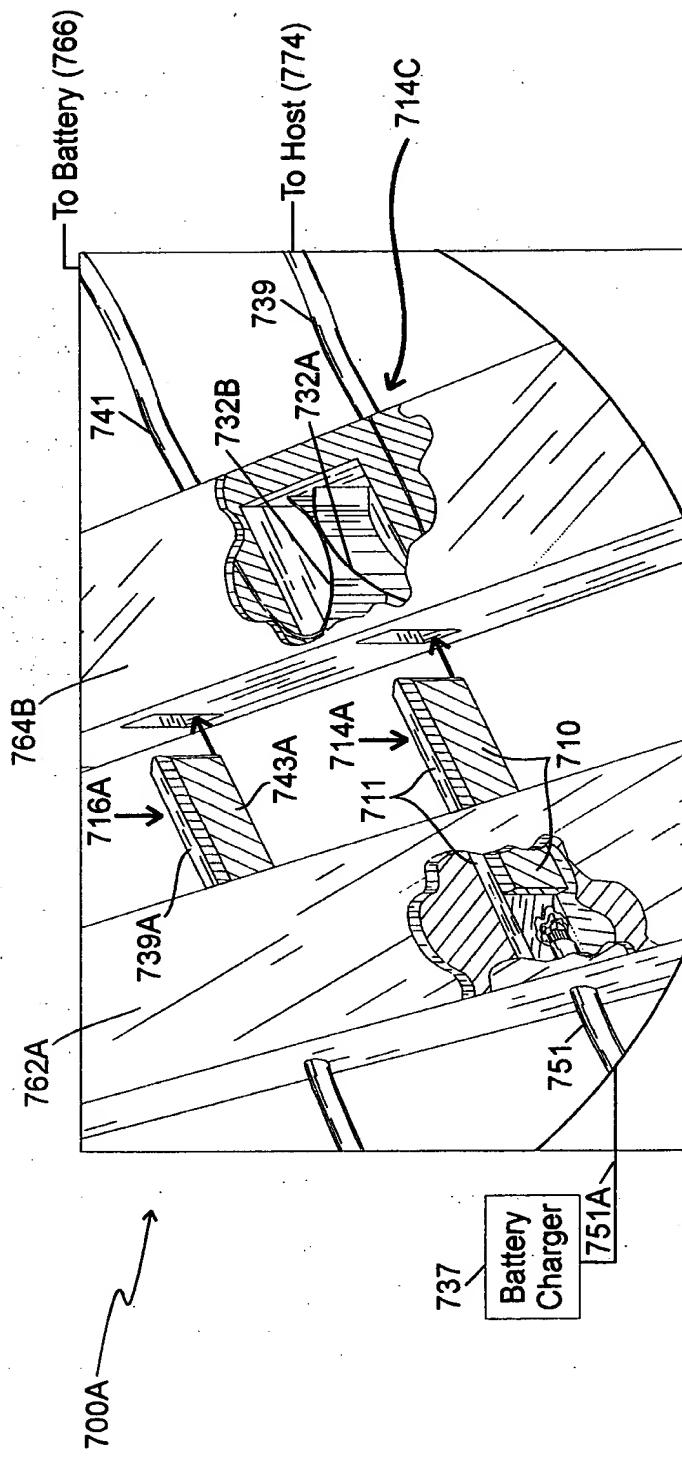
FIG. 17A





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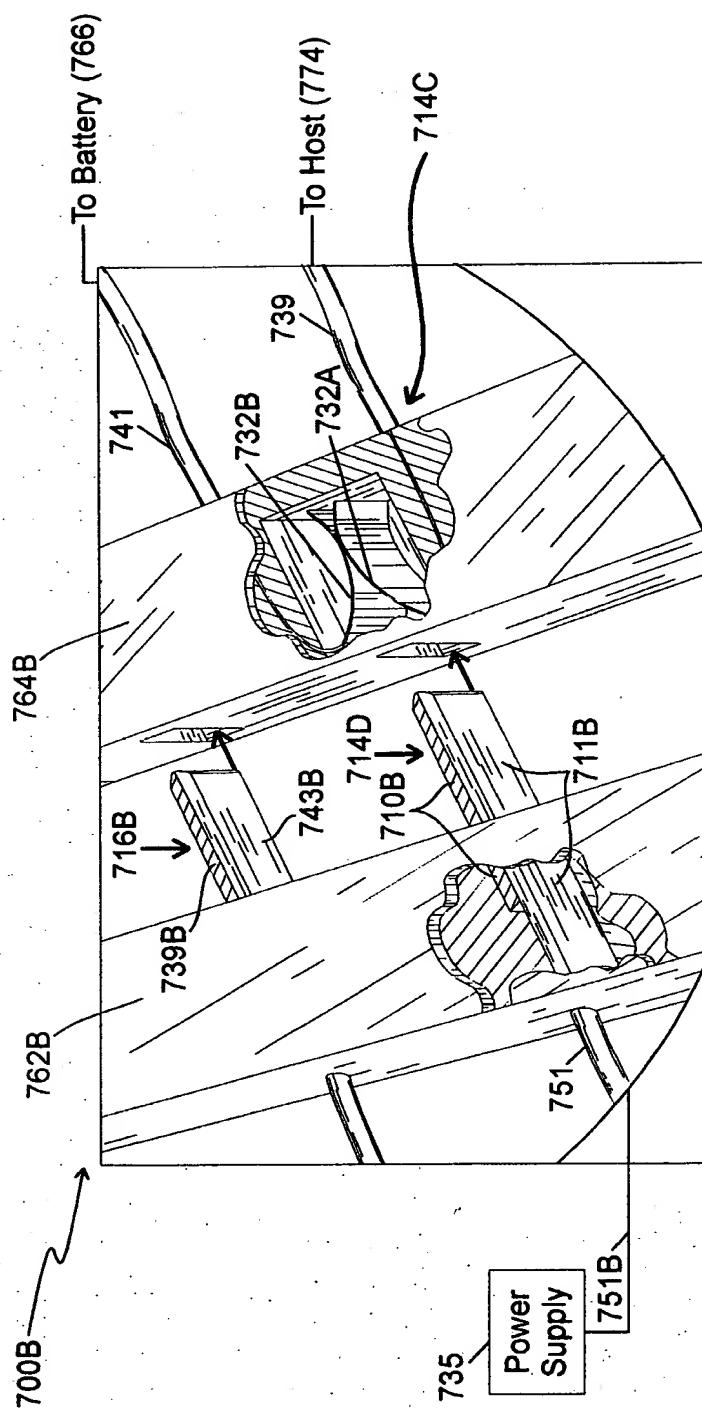
FIG. 17B





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FIG. 17C





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FIG. 18A

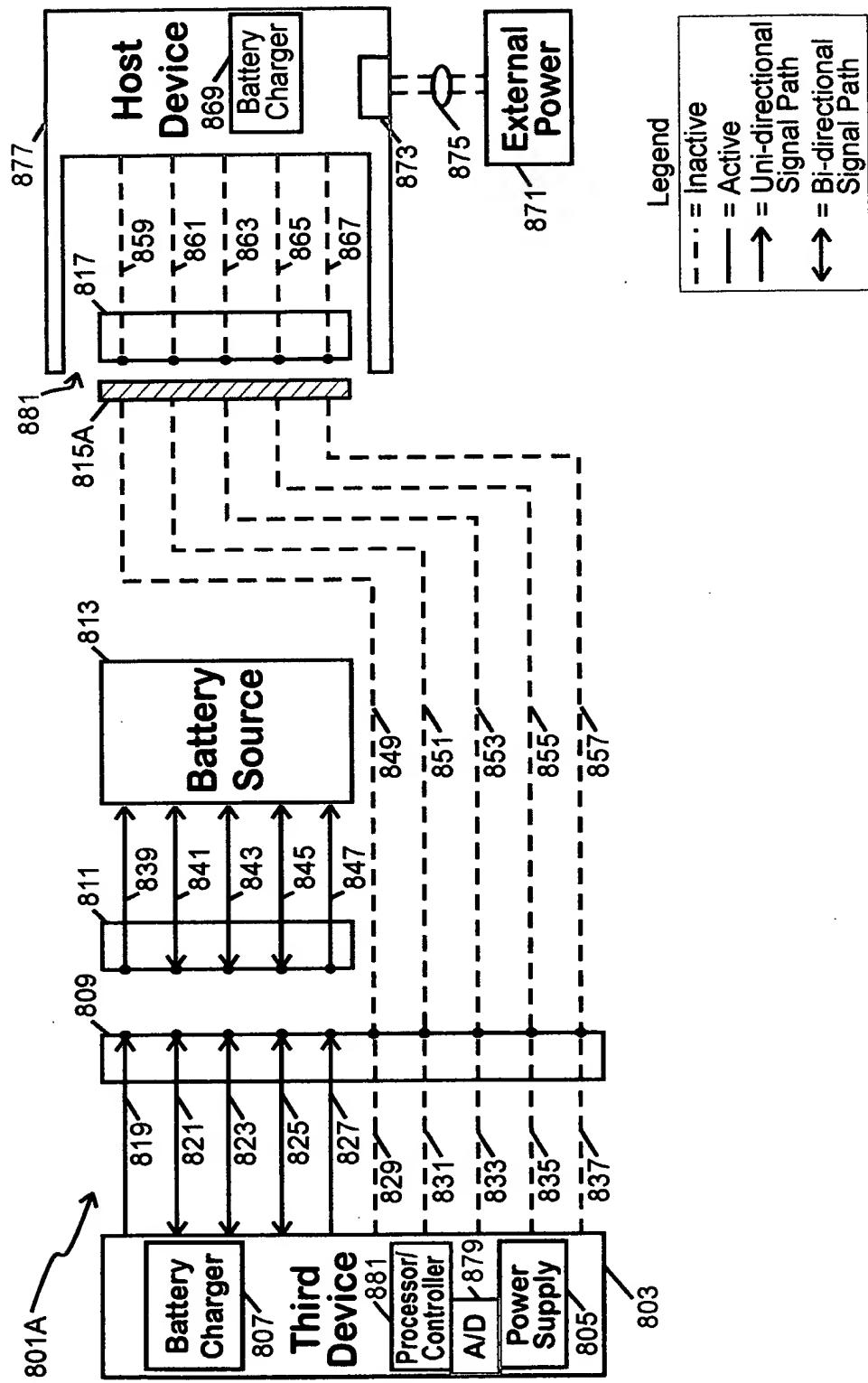
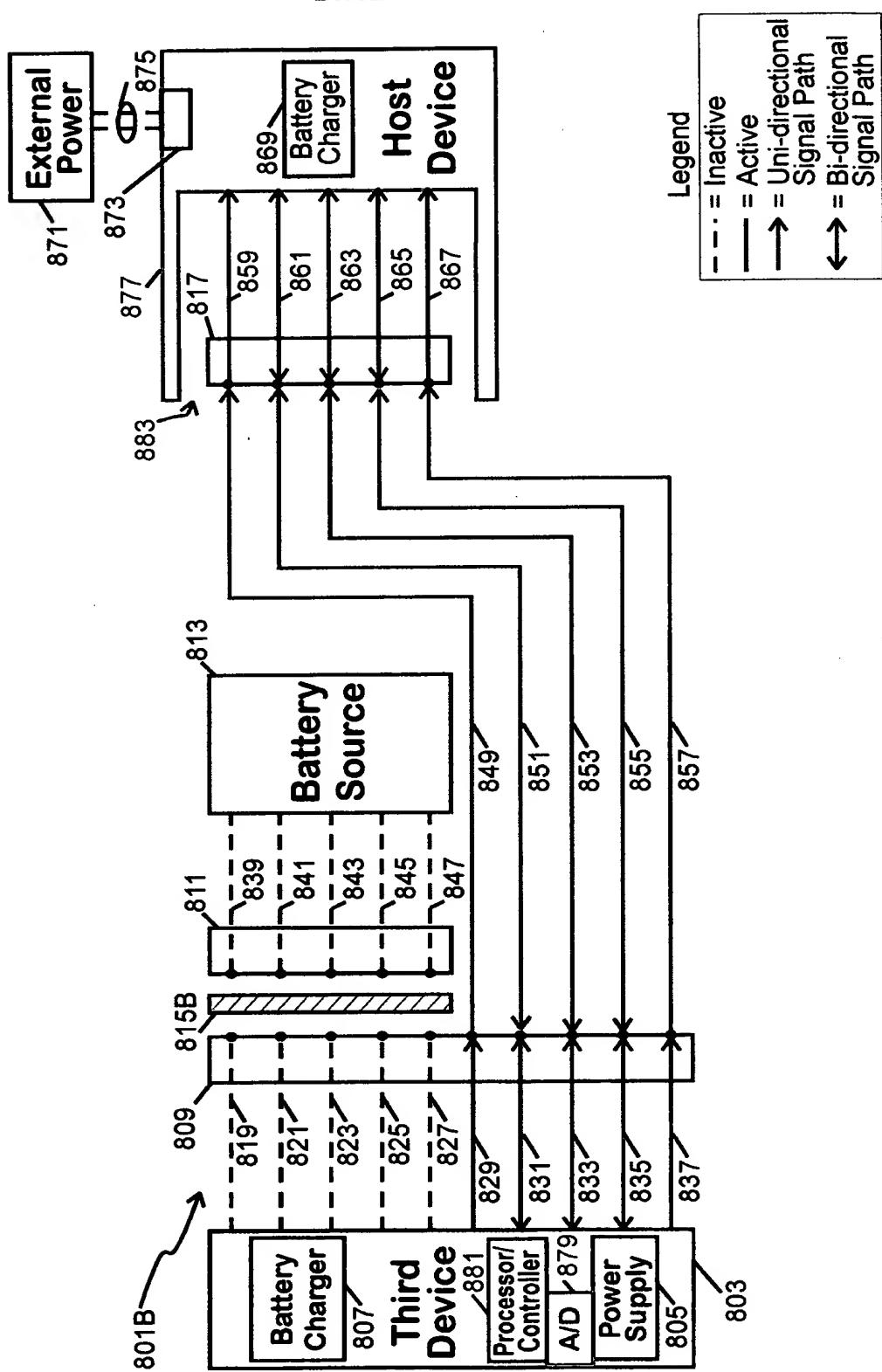




FIG. 18B

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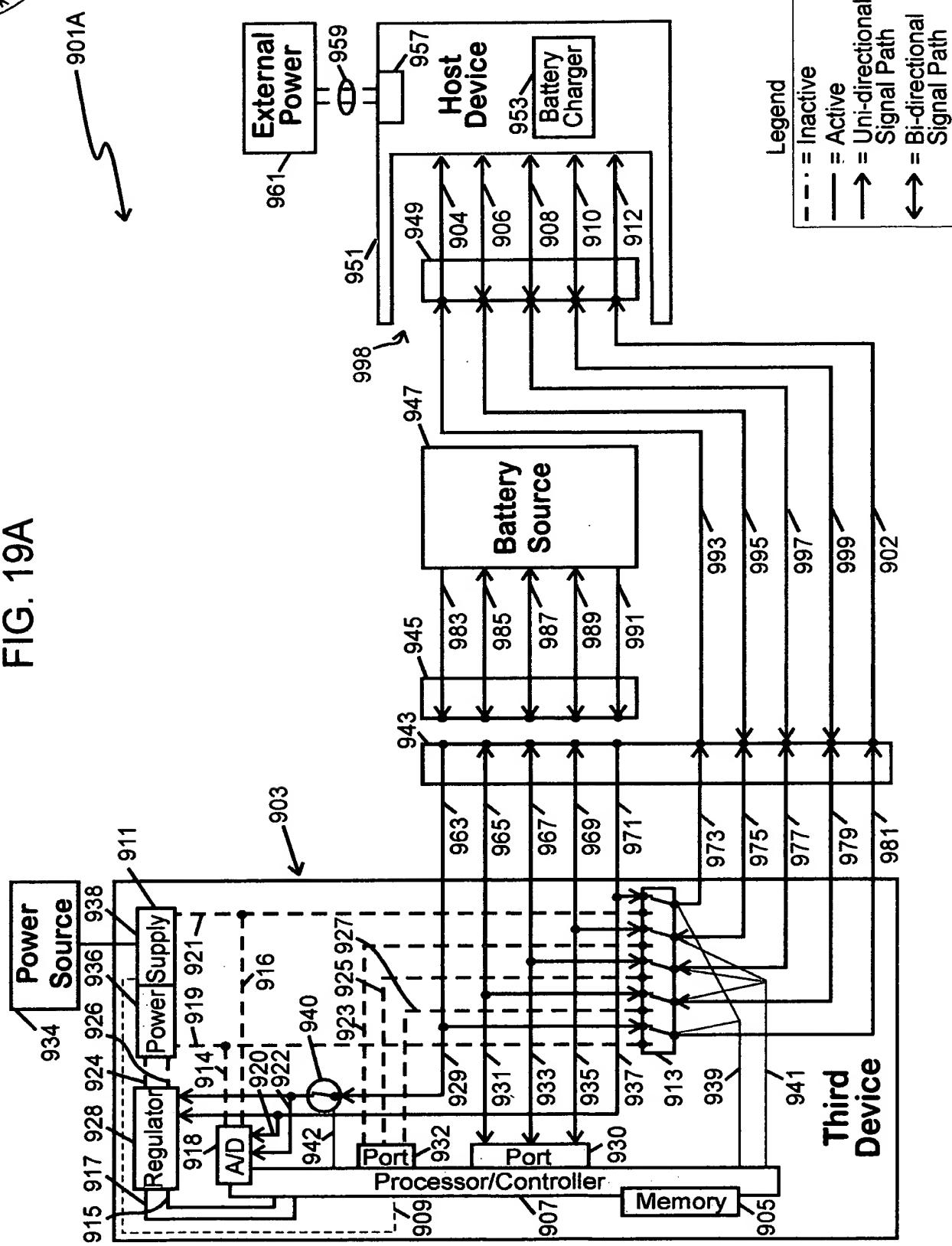




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FIG. 19A





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FIG. 19B

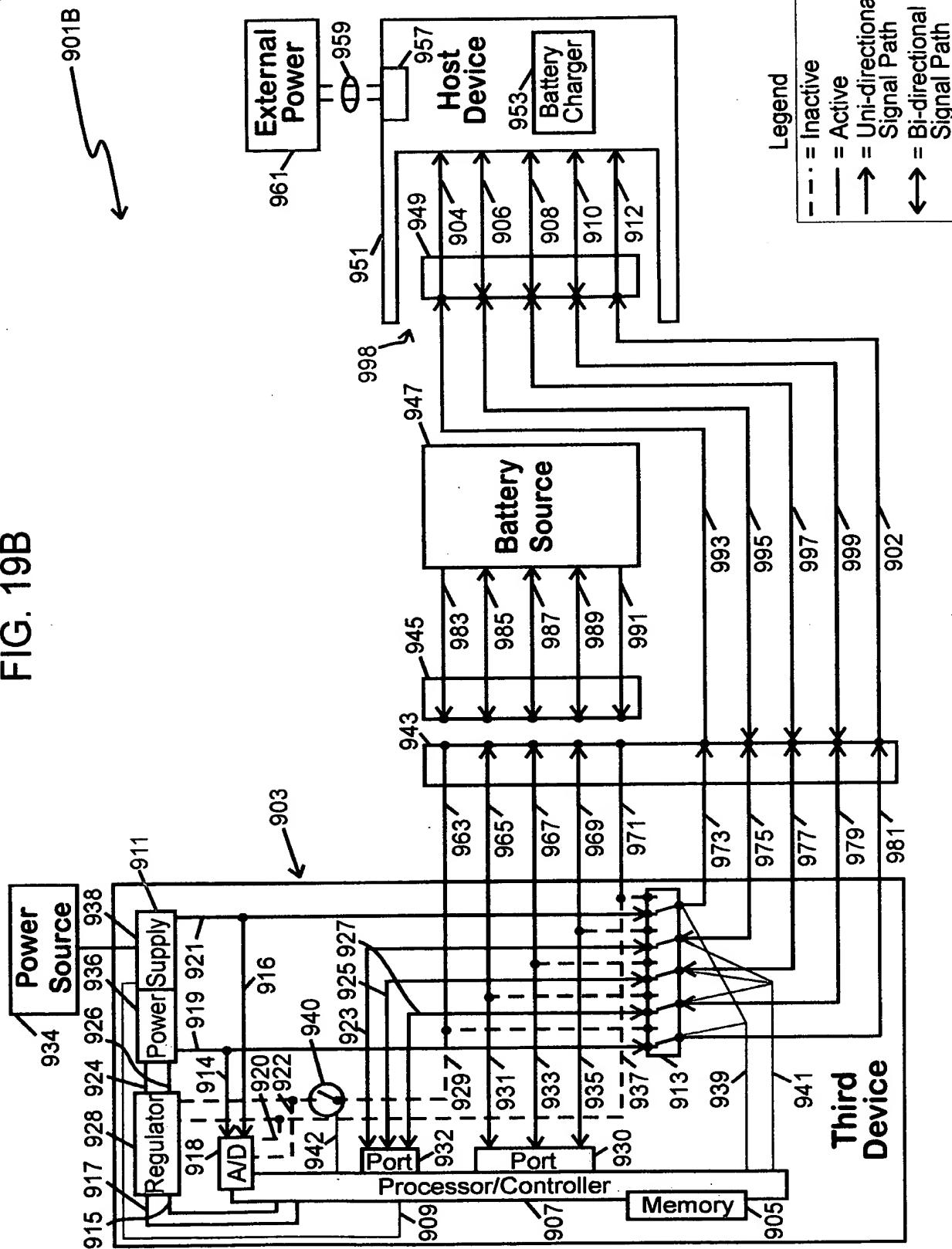
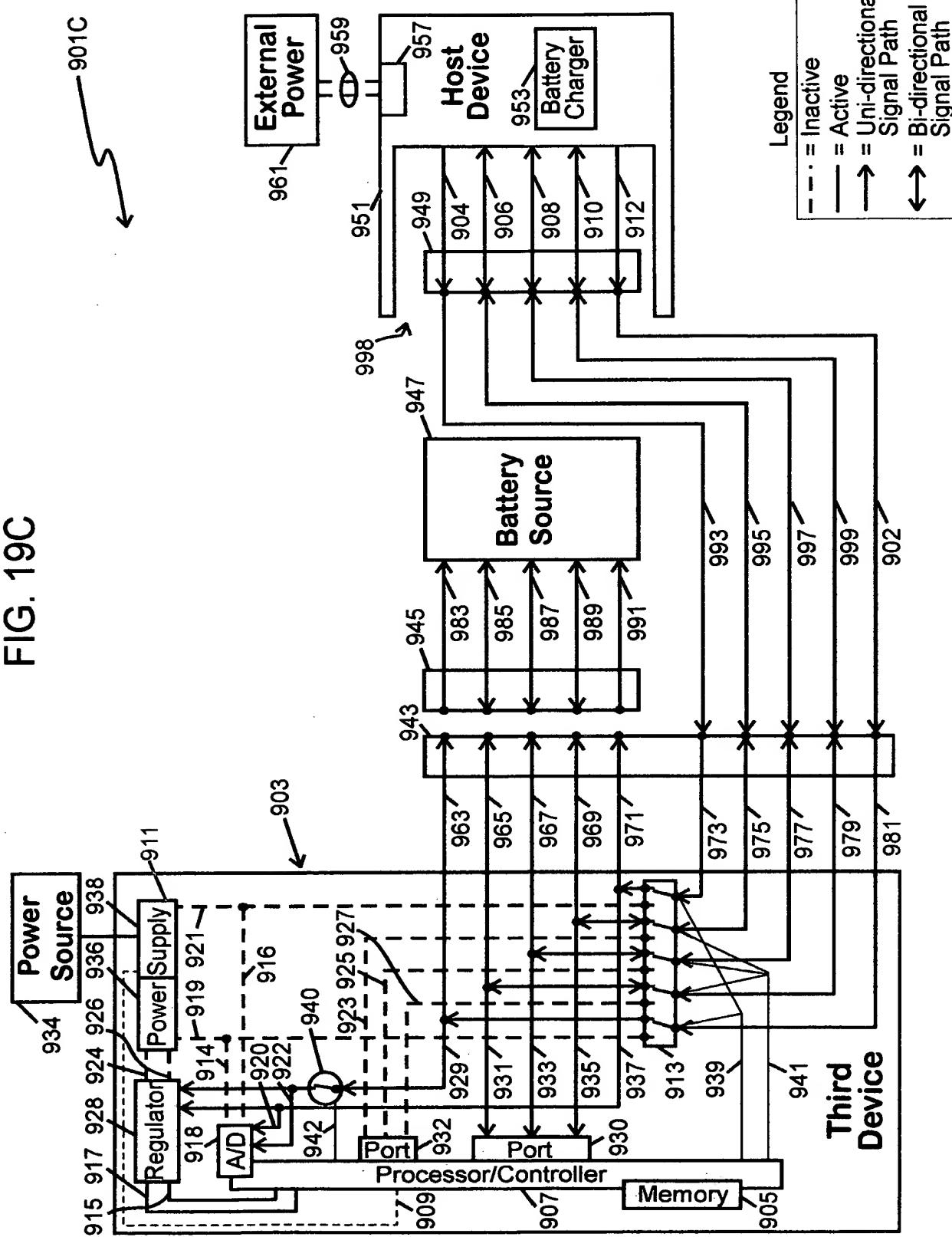




FIG. 19C





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FIG. 19D

